

Amendments to the Drawings:

The attached sheet of drawings includes changes to Figures 1-4. These sheets, which include Figures 1, 2a, 2b and 3, replace the original sheets including Figures 1-4. The Examiner objected to the original figures as a result of numerous informalities. Specifically, the Examiner noted that the specification refers to figures 1 and 3, but a drawing of figures 1 and 3 were not in the case. Rather, there were four drawings in the figures, one being labelled 2a, one being labelled 2b and the other two not being labelled. In addition, the Examiner noted that "A Brief Description of the Drawings" was missing from the specification.

As amended herein, the figures are now in conformance with the Examiner's request. Specifically, the figures have been numbered as 1, 2a, 2b, and 3. In addition, numerous amendments were made to the specification to refer properly to the figures as now numbered. As a result of these amendments, no new matter has been added.

Attachment: Replacement Sheets



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Replacement Sheet

Sample/Film	Power[W]	CO ₂ [scm]	CH ₄ [scm]	Ar [scm]	O ₂ [scm]	C ₂ H ₂ [scm]	NH ₃ [scm]	Thickness [nm]	Surface Tension[mN/m]		Polarity[%]	
									January 1998	January 1999	Jan. 99	Jan. 99
1/PET	95	48	-	12	-	-	-	26	47	49	30	38
2/PET	105	48	24	-	-	-	-	32	45	49	33	33
3/PET	126	48	24	-	-	-	-	30	47	47	30	35
4/PET	88	48	24	12	-	-	-	24	48	47	32	31
5/PET	78	36	36	12	-	-	-	80	45	44	27	27
6/PET	99	48	12	-	-	-	-	10	50	48	39	34
7/PET	75	48	24	-	-	-	-	45	49	47	33	32
8/PET	123	48	24	-	-	-	-	64	48	45	33	33
9/PET	137	36	36	12	-	-	-	168	45	44	26	29
10/PET	62	48	12	12	-	-	-	9	52	50	41	39
11/PET	103	48	12	12	-	-	-	11	50	48	40	40
12/PET	106	48	-	12	-	12	-	284	51	52	29	36
13/PET	100	-	12	12	12	-	-	18	51	50	39	38
14/PET	110	12	-	12	6	-	-	12	47	45	32	33
15/PET	104	6	12	12	6	-	-	8	49	46	34	34
16/PET	108	6	24	12	6	-	-	22	45	45	28	30
1/BOPP	70	48	12	12	-	-	-	10	52	52	42	42
2/BOPP	60	48	12	12	-	-	-	11	51	51	42	42
17/PET	100	-	12	12	-	-	48	27	-	58	-	60
18/PET	250	-	12	12	-	-	24	35	-	53	-	55
19/PET	200	-	24	12	-	-	24	46	-	45	-	41
20/PET	120	24	12	12	-	-	24	25	-	54	-	43
21/PET	130	12	12	12	-	-	24	18	-	63	-	65
22/PET	115	24	12	12	-	-	24	16	-	56	-	50
12 μm PET-Film									42.0		7	
20 μm BOPP-Film									30.2		3	

FIG. 1



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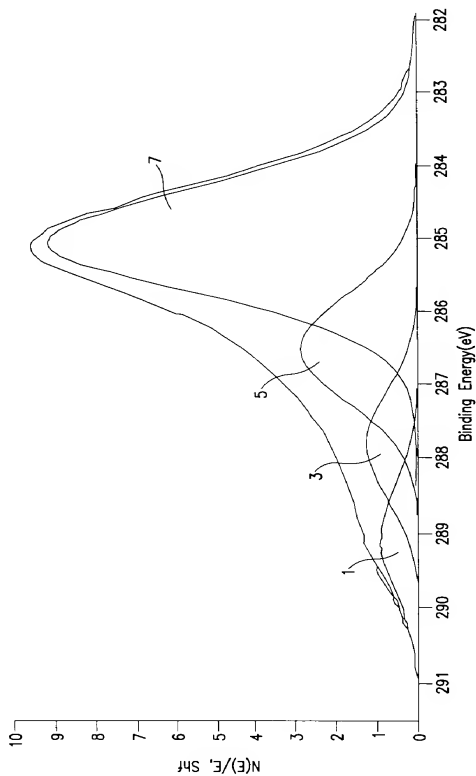


FIG. 2a



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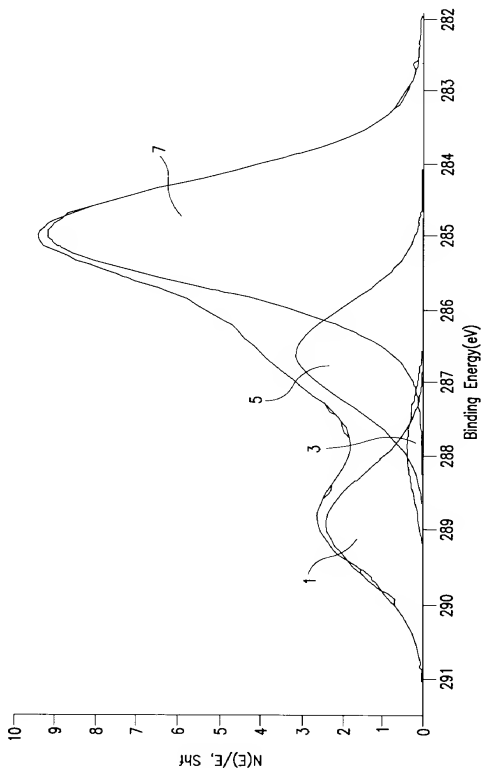


FIG. 2b



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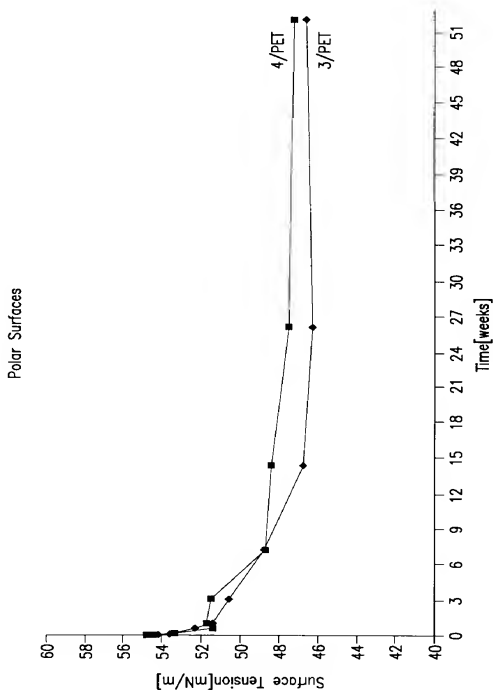


FIG. 3